



PATENTS  
112025-0178  
Seq. No. 1651

5/A  
6/17/04  
DS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Lorenzo Vicisano et al. )  
Serial No.: 09/693,251 )  
Filed: October 20, 2000 )  
For: ROUTER-ASSISTED MUL- )  
TICAST CONGESTION )  
CONTROL )

Examiner: Kading, Joshua A.

Art Unit: 2661

RECEIVED

JUN 08 2004

Technology Center 2600

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
June 2, 2004

"Express Mail" Mailing-Label Number: EV335588695US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

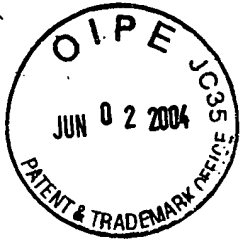
Sir:

AMENDMENT

This Amendment is filed in response to the non-final Office action mailed March 5, 2004. All objections and rejections are respectfully traversed. Reconsideration of the application, as amended, is respectfully requested.

06/04/2004 ZJUHR1 00000116 09693251

01 FC:1202 918.00 OP  
02 FC:1201 860.00 OP



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Technology Center 2600

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the Patent Application of

Inventor(s): Lorenzo Vicisano et al.

For: ROUTER-ASSISTED MULTICAST CONGESTION  
CONTROL

Serial No.: 09/693,251

Filed: October 20, 2000

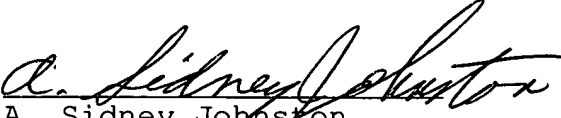
are the following papers:

- ☒ A response to the Office action dated March 5, 2004
- ☐ A petition for extension of time and check for \$
- ☒ A check for \$1778 to cover the fee for additional claims resulting from the response. The fee is calculated as follows:

Total Claims Remaining after  
Amendment:.....76  
Less Highest Number of Total Claims  
Previously Paid for:.....25  
  
Difference.....51 × \$ 18 = \$ 918  
  
Independent Claims Remaining  
after Amendment.....13  
Less Highest Number of Independent  
Claims Previously Paid for.....3  
  
Difference.....10 × \$ 86 = \$ 860  
  
Multiple-Dependent-Claim Fee Required  
after Amendment and Not Previously Paid..... \$ 0  
  
Total of Above Calculations..... \$ 1778  
Less Reduction for Small Entity ..... \$ 0  
  
Total Due ..... \$ 1778

The Commissioner is hereby authorized to charge any  
other fees under 37 C.F.R. §§1.16 and 1.17 that may be required,  
or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,

  
A. Sidney Johnston  
Reg. No. 28,548  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
(617) 951-2500



PATENTS  
112025-0178  
Seq. No. 1651

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:  
Lorenzo Vicisano et al.

Serial No.: 09/693,251

Filed: October 20, 2000

For: ROUTER-ASSISTED MULTICAST  
CONGESTION CONTROL

Examiner: Kading, Joshua A.

Art Unit: 2661

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Technology Center 2600

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
June 2, 2004

**EXPRESS-MAIL DEPOSIT**

"Express Mail" Mailing-Label Number: EV335588695US

The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Fee Transmittal Letter

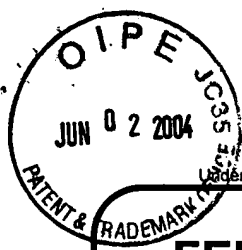
X Amendment Transmittal Letter

X Response to Office Action

X Check No. **28603** for \$1,778

X Post Card

X Amendment



06-03-04

2661 \$

Patent and Trademark Office/SB/17 (10-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,778

## Complete if Known

Application Number	09/693,251
Filing Date	October 20, 2000
First Named Inventor	Lorenzo Vicisano et al.
Examiner Name	Kading, Joshua
Group Art Unit	2661
Attorney Docket No.	112025-0178

RECEIVED

JUN 08 2004

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money ☐ Other ☐ None  
☒ Deposit Account Order

Deposit Account Number: 03-1237

Deposit Account Name: Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee indicated below ☒ Charge any deficiency or  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Code (\$)	Code (\$)		
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			0

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
76	25**	51 x 18	918
13	3**	10 x 86	860
Multiple Dependent			0

Large Entity	Small Entity	Fee Description	Fee Paid
Code (\$)	Code (\$)		
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	**Reissue independent claims over original patent	
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			1,778

\*\*or number previously paid, if greater; For Reissues, see below

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Code (\$)	Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English Specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility Issue fee (or reissue)	
1502 470	2502 235	Design Issue fee	
1503 630	2503 315	Plant Issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
Other fee (specify)			
SUBTOTAL (3)			0

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Name (Print/Type)	A. Sidney Johnston	Registration No. (Attorney/Agent)	29,548	Telephone	(617) 951-2500
Signature	<i>A. Sidney Johnston</i>			Date	June 2, 2004

## Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OF COMPLETED FORMS TO THIS